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18

We claim:

1. An isolated nucleic acid sequence plant comprising a polynucleotide, AGT- SAL 11 having a sequence SEQ.ID No.1.
2. A nucleic acid sequence as claimed in claim 1 wherein said AGTSAL polynucleotide sequence encodes a polypeptide as shown in SEQ ID No. 2.
3. A nucleic acid sequence as claimed in claim 1 wherein said polynucleotide sequence is a full length AGTSAL 11 gene.
4. A nucleic acid sequence as claimed in claim 2 wherein said polypeptide sequence is a complete and mature AGTSAL 11 protein.
5. A nucleic acid sequence as claimed in claim 2 wherein said polypeptide has bi-functional units.
6. A nucleic acid sequence as claimed in claim 2 wherein said polypeptide has glycosylation and phosphorylation sites.
7. A nucleic acid sequence as claimed in claim 2 wherein said glycosylation is O glycosylation.
8. A nucleic acid sequence as claimed in claim 2 wherein said AGT-SAL 11 has a mixture of $\alpha\beta$ type of secondary structure.
9. A nucleic acid sequence as claimed in claim 2 wherein said polypeptide has similarity with proteinase inhibitors of Bowman Birk II type of super family of proteinase inhibitors.
10. A transgenic plant comprising a recombinant expression cassette comprising a plant promoter operably linked to the polynucleotide sequence as claimed in claim 1.
11. A method for conferring salt tolerance on a plant, the method comprising introducing into the plant a recombinant expression cassette comprising a plant operator operably linked to AGT-SAL polynucleotide sequence as claimed in claim 1.